



The

MARKETPLACE

For Recycling Commodities

Kentucky Recycling Assistance Section

August 2014

ISRI Says It Opposes One-Bin Collection

Resource Recycling reports that the country's largest recycling trade organization has taken a quiet but definite stance against programs that ask residents to commingle trash and recyclables for post-collection sortation.

The Institute of Scrap Recycling Industries (ISRI) issued a two-paragraph position statement on July 23 regarding the collection and recycling method.

"ISRI supports the collection and sortation of recyclable materials in a manner that optimizes the value and utilization of the material as specification grade commodities to be used as a feedstock to manufacture new products," the statement reads. "Since the quality of the recyclables as specification grade commodities is essential, ISRI opposes the commingling of recyclables with solid waste or mixed waste processing in a one-bin system where all solid waste and recyclables are placed together with no separation prior to recycling."

Approved by ISRI's Board of Directors on July 23, the official position comes at a time when various cities are considering the merits of the "one bin" approach. An Aug. 6 vote gave final approval to a proposed \$45 million mixed-material facility by Covanta in Indianapolis—the company and the city have argued the operation will be able to effectively recover marketable recyclables from the trash.

Further, the city of Houston is in the midst of choosing from a variety of likeminded proposals, while Cleveland is also said to be considering the change.

Many recycled commodity experts argue the relatively new method jeopardizes the quality of recycled materials due to high rates of solid waste-driven contamination.

Reclaimers Seeing More Contaminating Junk in PET and HDPE Plastic Bales

According to *Resource Recycling*, reclaimers are seeing more contaminating junk in PET and HDPE plastic bales. This has led to 20 percent yield losses at HDPE companies and close to twice that lost at PET reclaimers.

Most reclaimers agree the largest contaminant in PET and HDPE bales is fiber—newspaper, cardboard, shredded paper and office paper. There are also a lot more metal cans as well as true junk: knives, shovels, rocks, laptop computers, auto parts, large buckets and crates, oil bottles, bowling balls, toys and tricycle wheels.

The factors behind the yield losses include single-stream collection, old or poorly maintained equipment at MRFs and processing operations that run lines too fast because operators are trying to tackle a greater volume of material.

"The quality of bales varies from MRF to MRF," said Byron Geiger, president of Custom Polymers PET in Athens, Alabama. "It seems like the newer the plant, the better the quality of the bale. I think as technology improves, we should see an improvement in the yields of bales."

And virtually all reclaimers agree that the best way to improve bale quality is to work directly with the MRFs.

"Our key message is to put the right things in the bale so both of us can get value from it," said Dennis Denton, chairman and CEO of Denton Plastics, Inc. in Portland, Oregon.

Creative Recycling Systems

The e-Scrap contract period for January 2009 through July 2014 brought the total pounds collected to 15,113,685 lbs. or 7,557 net tons. Reimbursements climbed to \$603,615.52, with charges of \$157,409.43. The net revenue to generators for the period was \$445,831.44.

Contact Tom Heil at 502-564-6716, ext. 4640 or at Thomas.Heil@ky.gov and click on <http://waste.ky.gov/RLA/recycling/Pages/ElectronicsRecycling.aspx> if you have questions about electronic recycling.



COMMODITY	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Aug-13
<u>PAPER-\$/TON</u>	RISI Official Board Markets (Midwest/Chicago area) FOB							
-	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Aug-13
#2 mixed paper	\$35-40	\$35-40	\$35-40	\$35-40	\$35-40	\$35-40	\$35-40	\$30-40
#37 sorted office paper (SOP)	\$125-135	\$125-135	\$125-135	\$125-135	\$125-135	\$130-140	\$130-140	\$120-125
#8 ONP	\$50-55	\$50-55	\$50-55	\$50-55	\$50-55	\$50-55	\$50-55	\$50-55
#40 sorted white ledger (SWL)	\$200-210	\$200-210	\$200-210	\$200-210	\$200-210	\$200-210	\$210-220	\$200-210
#11 OCC	\$85-90	\$90-100	\$200-211	\$80-85	\$75-80	\$75-80	\$75-80	\$95-100
<u>PLASTICS-¢/LB.</u>	Recycling Markets.Net/Secondary Materials Pricing - FOB							
-	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Aug-13
#1 PET - mixed (clear & green)	\$0.18	\$0.19	\$0.21	\$0.21	\$0.19	\$0.18	\$0.18	\$0.17
#2 HDPE (natural-milk jugs)	\$0.37	\$0.40	\$0.42	\$0.46	\$0.48	\$0.51	\$0.54	\$0.36
#2 HDPE (colored-detergent btl.)	\$0.29	\$0.30	\$0.32	\$0.25	\$0.28	\$0.30	\$0.28	\$0.16
<u>GLASS-\$/TON</u>	Recycling Markets.Net/Secondary Materials Pricing - Delivered							
-	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Aug-13
clear (flint)	\$32.00	\$32.00	\$32.00	\$32.00	\$32.00	\$32.00	\$32.00	\$32.00
brown (amber)	\$22.00	\$22.00	\$22.00	\$22.00	\$22.00	\$22.00	\$22.00	\$22.00
green	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00	\$11.00
<u>METALS</u>	Recycling Markets.Net/Secondary Materials Pricing - Delivered							
-	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Aug-13
aluminum beverage cans (UBC) cents/lb.	\$0.70	\$0.75	\$0.75	\$0.84	\$0.79	\$0.78	\$0.79	\$0.71
	Recycling Markets.Net/Secondary Materials Pricing - Delivered							
	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Aug-13
steel cans \$/TON	\$115-125	\$110-120	\$110-120	\$110-120	\$110-120	\$110-120	\$110-120	\$110-120



Energy and
Environment Cabinet

Kentucky Recycling Assistance Section

Department for Environmental Protection

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